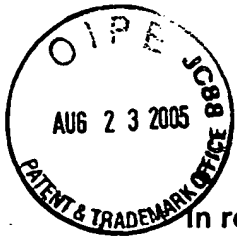


#4



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
FRITZ, Hans-G. et al.

Serial No.: 10/500,349 (PCT/EP02/14666) Filing Date: December 20, 2002

Confirmation No. 2646

Title: Adsorbing Material Comprised of Porous Functional Solid  
Incorporated in a Polymer Matrix

**RESPONSE TO NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371**  
(TRANSMITTAL OF SIGNED DECLARATION AND POWER OF ATTORNEY)

**BOX MISSING PARTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

In response to the Notice to File Missing Requirements under 35 U.S.C. 371, mailed May 26, 2005 (copy attached), the period for response thereto having been extended one (1) month to August 26, 2005, in view of the enclosed Request for Extension of Time and the authorization to charge the appropriate fee to Deposit Account No. 07-1770. Enclosed herewith is a Declaration and Power of Attorney in the above-identified case. Please charge the \$130.00 surcharge fee due under 37 C.F.R. 1.492(e)) to Deposit Account No. 07-1770. If for any reason this amount is insufficient, please charge any additional amounts to the above Deposit Account.

In the Notice Of Missing Requirements, it is noted there are additional claim fees of \$1350 for 30 claims over 20. The application as initially filed included payment for 23 claims even though 46 claims were filed. Thus, additional fees are due for the remaining 23 claims, and not 30, as is set forth in the Notice of Missing

08/30/2005 ATRAM1 00000130 071770 10500349  
01 FC:1617 130.00 DA

10/14/2005 THOLLAND 00000009 071770 10500349  
01 FC:1615 1350.00 DA

**CERTIFICATE OF MAILING (37 CFR §1.8)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Attn: Patricia A. Booker, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: Rachel Scriven

Signature

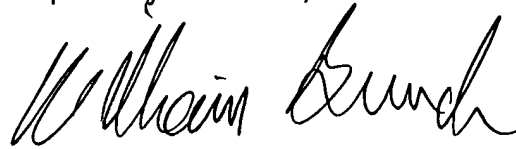
August 22, 2005.  
Sig. Date

Serial No. 10/500,349  
Attorney Docket No. W9543-01

Requirements. If for any reason this is incorrect, please charge any additional amounts to the above Deposit Account.

This letter is provided in triplicate.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William D. Bunch". The signature is fluid and cursive, with the first name "William" and last name "Bunch" clearly distinguishable.

William D. Bunch  
Attorney for Applicants  
Registration No. 35,027

Date: August 22, 2005  
7500 Grace Drive  
Columbia, MD 21044-4098  
Tel. (410) 531 4333



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/500,349	Hans-Gerhard Fritz	W9543-01

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/EP02/14666

LA. FILING DATE	PRIORITY DATE
12/20/2002	12/31/2001

William D. Bunch  
 W. R. Grace & Co.-Conn.  
 7500 Grace Drive  
 Columbia, MD 21044-4098

MAY 31 2005

DAVIDS

CONFIRMATION NO. 2646  
 371 FORMALITIES LETTER  
 \*OC000000016131864\*  
 \*OC000000016131864\*

Date Mailed: 05/26/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/25/2004
- Copy of the International Search Report filed on 06/25/2004
- Copy of IPE Report filed on 06/25/2004
- Copy of references cited in ISR filed on 06/25/2004
- U.S. Basic National Fees filed on 06/25/2004
- Priority Documents filed on 06/25/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$1350** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$130** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$1480** for a Large Entity:

- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$ 1350**
  - **\$1350** for **30** total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/500,349	PCT/EP02/14666	W9543-01

FORM PCT/DO/EO/905 (371 Formalities Notice)